

Napakiak Ircinraq Power Co. Purchased Power Update

Date: **March 3, 2022**

Utility Name (Cert. No.) Napakiak Ircinraq Power Company (319)	Utility File No. PC104-0121B	Date Filed: February 16, 2022
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PCE AMOUNT SUMMARY	Previously Approved PC104-0121A	Staff Recommended Amount(s) and Effective Date PC104-0121B
Class Rate	<u>Date Approved:</u> January 7, 2022	March 4, 2022
Residential	\$0.2651	\$0.2584
Community Facilities	\$0.2651	\$0.2584
<div style="display: flex; justify-content: space-around;"> <div> <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent </div> <div> <input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent </div> </div>		

Prior Power Purchase Price: <u>\$0.2840</u>	New Power Purchase Price: <u>\$0.2771</u>
<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous _____ Updated _____

Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 3/3/22)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
Kurber		<i>KKI</i>		
Scott		<i>AGS</i> AGS		
Sullivan		<i>DS</i> DS		
Wilson		<i>JWW</i> JWW		

*If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

Napaklak Ircinraq Power Co.

APPENDIX 1

POWER COST EQUALIZATION CALCULATION
FOR THE PERIOD ENDING October 31, 2020
Purchase Power Update

	PC104-0121A	PC104-0121B	
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Purchased	778,841	778,841	778,841
B. Total kWh Sold (Appendix 2)	747,914	747,914	747,914
C. Total Non-Fuel Costs (Appendix 2)	137,380	137,380	137,380
D. Non-Fuel Cost/kWh (C / B)	\$0.1837	\$0.1837	\$0.1837
E. Total Fuel/Power Costs (Appendix 2)	221,191	215,817	215,817
F. Fuel/ Power Costs/kWh (E / B)	\$0.2957	\$0.2886	\$0.2886
G. Eligible Costs/kWh (D + F)	\$0.4794	\$0.4723	\$0.4723
H. Eligible Cost/kWh (G) less base rate in effect	\$0.2791	\$0.2720	\$0.2720
I. Lesser of (H) or 79.97 cents/kWh	\$0.2791	\$0.2720	\$0.2720
J. Average Class Rates (Appendix 3)			
Residential	\$0.5657	\$0.5657	\$0.5657
Community Facilities	\$0.5657	\$0.5657	\$0.5657
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J)			
Residential	\$0.2651	\$0.2584	\$0.2584
Community Facilities	\$0.2651	\$0.2584	\$0.2584
L. Funding Level in Effect	100%	100%	100%
Residential	\$0.2651	\$0.2584	\$0.2584
Community Facilities	\$0.2651	\$0.2584	\$0.2584

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Appendix 1

Napaklak Ircinraq Power Co.

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
FOR THE PERIOD ENDING October 31, 2020

Purchase Power Update

	PC104-0121A	PC104-0121B	
	Prior Commission Approval	Utility Request	Per Staff
Non-Fuel Costs:			
A. Personnel Expenses	63,194	63,194	63,194
B. Operating Expenses	8,925	8,925	8,925
C. General & Administrative	51,785	51,785	51,785
D. Depreciation Expense	13,476	13,476	13,476
E. Interest Expense	-	-	-
F. Total Non-Fuel Costs	\$137,380	137,380	137,380
Fuel Costs:			
G. kWh purchased from AVEC During Test Year	778,841	778,841	778,841
H. AVEC power cost Weighted average cost per kWh	\$0.2840	\$0.2771	\$0.2771
Total Cost of Fuel/Power	\$221,191	\$215,817	\$215,817
I. kWh Sales	747,914	747,914	747,914
J. kWh Station Service	0	0	0
K. Line Loss ≤ 12%	3.97%	3.97%	3.97%

(purchased power- (kWh sold + Station Service))/purchased power

Weighted Average Cost of Purchased Power:

Purchased Power Cost:	214,109.47
Divided by kWh Purchased:	<u>772,670</u>
Avg Cost per kWh:	0.2771

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Appendix 2

Napaklak Ircinraq Power Company

Appendix 3

Calculation of Average Class Rate per kWh

Rate Schedule: ALL

(1) kWh by Block	(2) Rate (\$/kWh)	(3) Surcharge If Applicable (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - 0.2003
500	0.7660	0.0000	0.7660	383.00	0.7660	0.5657
500				383.00	0.7660	0.5657
TOTAL (A)						(E)

Computation of Community Facilities Average Rate

Rate Schedule: ALL

	(A) Rate (\$/kWh)	(B) Surcharge If Applicable (\$/kWh)	(C) Total Rate (\$/kWh) (A+B)	(7) Avg. Rate (\$/kWh) - 0.2003 kWh
0 to ∞	0.7660	0.0000	0.7660	0.5657
Next to				
Next to				
Next to				

Napakiak Ircinraq Power Company

Power Purchases From
Alaska Village Electric Cooperative
4631 Eagle St.
Anchorage, AK 99503-7431

Napakiak Ircinraq Power Company

Month	kWh Purchased	Elec Serv Chg	Demand Chg	Fuel Cost Chg	Customer Serv Chg	Other	Total
2/21	70,920	141.84	4,108.22	13,311.68	45.00	1,056.40	18,663.14
3/21	72,204	144.41	4,108.22	13,552.69	45.00	1,071.02	18,921.34
4/21	63,784	127.57	4,108.22	11,972.26	45.00	975.18	17,228.23
5/21	52,546	105.09	4,108.22	9,862.88	45.00	847.27	14,968.46
6/21	52,515	105.03	4,108.22	9,920.08	45.00	850.70	15,029.03
7/21	46,797	93.59	4,108.22	8,839.95	45.00	785.21	13,871.97
8/21	57,633	115.27	4,108.22	10,886.87	45.00	909.32	16,064.68
9/21	60,176	120.35	4,108.22	11,367.25	45.00	938.45	16,579.27
10/21	63,047	126.09	4,108.22	16,575.06	45.00	1,251.26	22,105.63
11/21	81,869	163.74	4,685.42	21,523.36	45.00	1,585.05	28,002.57
12/21	78,185	156.37	4,685.42	20,554.84	45.00	1,526.50	26,968.13
1/22	72,994	145.99	4,099.58	19,876.27	45.00	1,450.01	25,616.85
	772,670	1,545.34	50,444.40	168,243.19	540.00	13,246.37	234,019.30

Purchased Power Cost: \$214,109.47

Divided by kWh Purchased: 772,670

Avg Cost/kWh \$0.2771

Signature: 

Email: bob.pickett@alaska.gov

Signature: 
Keith Kurber II (Mar 3, 2022 09:18 AKST)

Email: keith.kurber@alaska.gov

Signature: 

Email: antony.scott@alaska.gov

Signature: 
Daniel Sullivan (Mar 3, 2022 14:45 AKST)

Email: daniel.sullivan@alaska.gov

Signature: 
Janis W. Wilson (Mar 3, 2022 18:31 AKST)

Email: janis.wilson@alaska.gov

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